

ABSTRACT

A method of producing a protein that degrades or detoxifies organic material is described. This method involves producing a non-human transgenic animal that produces such protein in its urine, and has stably integrated into its genome an exogenous gene encoding a protein that is detectable in the urine. Thus, a non-human transgenic animal that produced such protein in its urine, and a method of degrading or detoxifying organic materials also is described. Also a facility comprising a non-human transgenic animal that produce in its urine a protein that degrades or detoxifies organic material and a structure containing such animal is described. A method of altering a substance naturally found in urine is described. A DNA construct used in producing the non-human transgenic animal also is described.